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CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

REPORT

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SUBJECT Army Signal School in Nove Mesto
nad Vahom

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INFO.SUPPLEMENT TO
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25X1 1. (The Czech Army Signal School (spojovací uciliste) in Nove Mesto
nad Vahom (P 49/R 36) was assigned to the VSV (Velitelstvi spojovaciho
vojska) Department of the MNO. It was provided with admini-
strative services by the 4th Military District, Bratislava (P 49/
X 99).) For the school's layout see Annex 2.

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3. Evaluation section

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b. Composition of the evaluation section:

CO:

Lt Col (Ing) Vratislav Misar
Sub-Lt Ladislav Bartu

First Sergeant:

Technical Sergeant for
telephone technique:

Jaroslav Rabinski

Four clerks

Two draughtsmen

Two bookbinders

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Three officer candidates as translators and specialists
for low- and high-voltage engineering
One officer candidate in charge of the library
Two blueprinters (EM)
Two printers (EM)

4. (Signal Equipment of the School;

a. Field telephones

Number of units	Type	Make
20	model 35	Czech
300	model 35	German
100	model 38	German
40- 50	TAI-43	Soviet
100	UNA-42	Soviet
100	UNA-43	Soviet
100	UNA-FI-43	Soviet, with buzzer and inductor
100	UN-F-43	Soviet, with buzzer (bzucak)
8-10	EE-8-A	US, can be connected with the civilian telephone network

b. Portable switchboards

Number of units	Type	Number of connections
2	model 15 (Czech)	15
20-30	(German)	10
20	(German)	20
2-3	(German)	60
3	(German)	150
3	(German)	300
3-4	KOV-6 (Soviet)	6
2	K-10 (Soviet)	10
1	PK-10 (Soviet)	

(Automatic telephones of French make were used in the school.
Total stock: 250 units.)

c. Field wire

About 25 miles of German F.F. type (field trunk wire), on 820-foot reels. This wire type is used for teletypewriters

About 60 miles of light field wire of German make, on 1,600-foot reels.

Soviet field wire on 2,500-foot reels.

Total stock: About 185 miles on 400 reels.)

d. Line construction equipment

15 complete sets for construction of field telephone lines.
Each set had:

About 9 miles of wire
Two wire pikes
Six field telephones
One tool bag.

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e. Radio equipment

One 1.5-kw transmitter)
6 or 7 100-watt transmitters)
6 or 7 80-watt transmitters)
10 30-watt transmitters) almost exclusively of
10 10-watt transmitters) German make
15 15-watt transmitters)

Also radio sets of German make as listed:

10 to 25 portable radio sets h
4 portable radio sets b 1
10 portable radio sets d 2
30 portable radio sets a, b, c
10 portable radio sets b (only receivers)
4 light radiotelephones (transmitter-receiver unit)

Radio sets of Soviet make:

2 R.B. (transmitter-receiver unit)
2 12-R.P.M. (infantry equipment, transmitter-receiver unit)
2 A-7-A

Radio sets of British make:

4 19-M-K-3 (transmitter-receiver unit).

The 1.5-kw transmitter, operating on a wavelength of 1,700 m., transmitted training radio messages for all Czech Army signal units. Maximum range: 500 to 550 miles.

Training was done according to the Czech SM-1 Manual.

f. Carrier frequency devices:

W-T-40 set For two and four-wire lines
(dvoudratove vedeni a ctyridratove vedeni)
Frequency: 420 to 1,40 khz
Maximum range: About 45 to 60 miles
Six calls could be performed on two-wire lines, twelve on four-wire lines.

MG-15 set Maximum range: About 60 miles
Frequency: 440 to 1,740 khz
15 telephone or telegraph connections in both directions

Tfb 1-4 set Maximum range: About 35 miles
Frequency: 2.7 to 24 khz

MEK-8 set Maximum range: 50 to 60 miles
Frequency: 720 to 1,140 khz

DmG7 set For wireless operation
The set operated at a 55 to 60-cm band
Maximum range: About 60 miles
Two telephone and two telegraph calls could be performed simultaneously. Intercepting was impossible.

1-G2-T2 set The set operated at a 60-cm band. Current was supplied from a 90-Volt anode battery.
One 2 B-38 storage battery.

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5. Annex 1 lists the officers of the school.

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25X1 a. 1st Sig Regt [] Hq in TURNOV (O 51/
/G 24), one battalion in TURNOV,
one in MIMON (O 51/F 95), and one in
JICIN (O 51/G 33).

b. 2d Sig Regt in BERESOV (O 50/L 95), one battalion
in KUTNA HORA (O 50/M 37).

25X1 c. 3rd Sig Regt [] in BRNO (P 50/N 40, one
battalion in MORAVSKA TREBOVA (P 50/N 46).
This battalion had been stationed in
LIPNIE n. Becevu (P 50/O 14) until
September 1949. A military academy was
established where officers of the regu-
lar service are to be trained.

25X1 d. 4th Sig Regt [] in TURC.SV.MARTIN (Q 50/
/G 69), one battalion in PRESOV (R 49/E 37),
and one in the Signal School Barracks of
NOVE MESTO (P 49/T 36).

25X1 e. 5th Sig Regt [] in PARDUBICE (Q 51/M 79).

f. Each signal battalion had the following component
units:

One telephone-operation company
One telephone-construction company
One radio and teletype-communications company.

7. Signal Equipment Depots

1st Depot in PRAGUE
2d Depot in KUTNA HORA
3rd Depot in BRNO
4th Depot in NOVE MESTO nad Vahom. Details of
location and layout: See Annex 3. Replacement
equipment for the signal units of the 4th MD
was stored (800 to 1,000 field telephones of
various makes, about 500 radio sets of all
types, about 0.6 mile of wire and unknown quan-
tities of miscellaneous construction equipment).

25X1 All equipment depots are independent installations []

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8.

25X1X [] the Czech military teletype
communications network (400 to 1,400 kHz) as drawn in Annex 4.

9. A decimeter connection with the Soviet Union which is oper-
ated between PRAGUE and KOSICE (R 49/E 34) was also known.
The mounts of Jested (O 51/G 16), Altvater (P 51/H 70) are
used as relay stations. Operation from KOSICE was started
as late as early September 1949. A DmG-7 set (German designa-
tion: Michael) is used for operating this connection.

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25X1 [] Comment:

The report supplements previous information. The large amount of German equipment results from the fact that large quantities of telecommunication devices of the former German Armed Forces were stored in Czechoslovakia and part of the valuable telecommunication industrial plants operated there. Due to the cadre of efficient skilled workers available to the Czechoslovakian industry, continued production of this equipment and the manufacture of replacement parts may also be secure for the future. As the data on German devices are, in general, correct, the report is believed credible. The WT-40-set mentioned in para 4f is not a carrier frequency device but an a.c. telegraph set. However, this set is mostly employed with carrier frequency devices, so that up to 24 teletype messages can be transmitted simultaneously through one channel. The data on the 1st through 5th Sig Regts conform with previous information.

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- 4 Annexes:
1. List of officers of the NOVE MESTO nad Vahom Signal School
 2. Army Signal School in NOVE MESTO Nad Vahom Czechoslovakia
 3. 4th Signal Equipment Dept in NOVE MESTO nad Vahom, Czechoslovakia
 4. Czechoslovakian Military Teletype Net

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